

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/14556

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/55 C07D223/16 C07D401/12 C07D403/12 A61P25/00  
C07D401/14 C07D413/14 C07D417/14 C07D409/14 C07D417/12  
C07D409/12 C07D413/12 C07D471/04 C07D491/04 C07D403/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/06254 A (SCHUNACK WALTER G ; SIGURD ELZ (DE); STARK HOLGER (DE); BIOPROJET SOC) 10 February 2000 (2000-02-10) claims 1,16,75	1-28
X	WO 01/87834 A (ASO KAZUYOSHI ; ISHIHARA YUJI (JP); SUZUKI NOBUHIRO (JP); TAKEKAWA SHI) 22 November 2001 (2001-11-22) cited in the application the whole document	1-6, 9-18, 22-28
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*S\* document member of the same patent family

Date of the actual completion of the international search

8 Apr11 2004

Date of mailing of the international search report

29/04/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	<p>EP 1 283 199 A (TAKEDA CHEMICAL INDUSTRIES LTD) 12 February 2003 (2003-02-12)</p> <p>page 26, line 21  page 42, line 37 - line 51  claims 1, 18, 23, 30  paragraph '0111!  paragraph '0128!  paragraph '0133!  paragraph '0234!</p> <p>-----</p>	<p>1-6,  9-18,  22-28</p>

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/14556

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0006254	A	10-02-2000	EP 0978512 A1	09-02-2000
			EP 0982300 A2	01-03-2000
			AU 5511999 A	21-02-2000
			CA 2321881 A1	10-02-2000
			WO 0006254 A2	10-02-2000
			EP 1100503 A2	23-05-2001
			JP 2002521463 T	16-07-2002
WO 0187834	A	22-11-2001	AU 5673301 A	26-11-2001
			CA 2408913 A1	22-11-2001
			EP 1283199 A1	12-02-2003
			WO 0187834 A1	22-11-2001
			JP 2002371059 A	26-12-2002
			US 2003158177 A1	21-08-2003
EP 1283199	A	12-02-2003	AU 5673301 A	26-11-2001
			CA 2408913 A1	22-11-2001
			EP 1283199 A1	12-02-2003
			WO 0187834 A1	22-11-2001
			JP 2002371059 A	26-12-2002
			US 2003158177 A1	21-08-2003

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## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  

Although claim 26 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.